

Title (en)
Work device and emergency release system

Title (de)
Arbeitsgerät und Notablasssystem

Title (fr)
Outil de travail et système d'évacuation d'urgence

Publication
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Application
EP 09000677 A 20090119

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Abstract (en)
[origin: CN101555698A] The present invention relates to a working machine, in particular to a traveling material-handling machine, especially to a hydraulic excavator, comprising a basic machine, a cabin and a cabin arm pivotally mounted on the basic machine, by means of which the position of the cabin with respect to the basic machine can be varied, wherein the cabin arm can be swivelled with respect to the basic machine about a horizontal axis by means of at least one hydraulic actuator, and wherein the cabin is pivotally mounted on the cabin arm via a hydraulic inclination adjustment device. In accordance with the invention, the cabin includes an emergency lowering system, in which an inclination emergency valve is provided for the inclination adjustment device of the cabin, which in a case of emergency lowering provides for alignment of the cabin into a normal position.

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Citation (search report)
• [Y] DE 202004011990 U1 20051208 - LIEBHERR HYDRAULIKBAGGER [DE]
• [XY] EP 1300595 A2 20030409 - HUSCO INT INC [US]
• [Y] JP 2004115245 A 20040415 - KOMATSU MFG CO LTD
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• [A] JP 2004131006 A 20040430 - KOBELCO CONSTR MACHINERY LTD, et al

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